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**SYLLABUS FOR M.A. IN ENVIRONMENTAL STUDIES (ANNUAL MODE)**

<b>PART-I</b>				
<b>PAPER</b>	<b>CONTRIBUTORS</b>	<b>EDITOR(S)</b>	<b>MODULE NO.</b>	<b>MODULE NAME</b>
I	Dr. Chidananda Bhattacharya Dr. Anil Kr. Guha Dr. Abhijit Guha Dr. Aniruddha Mukherjee Dr. Dalia Mukherjee	Prof. Raj Kumar Sen	1	Tagore's thoughts on Environment
			2	Environment: An all-inclusive referent
			3	Need for development – antidevelopment - maldevelopment
			4.	Development induced population displacement
			5	Concept of ecosystem: Structure and function
			6	Ecological dimension of development
			7	Energy and environment
			8	Urbanization and environment in India
II	Dr. Santosh Kr. Garai Dr. Sunanda Ghosh Dr. Aniruddha Mukherjee Dr. Manjura Biswas Dr. Dalia Mukherjee	Dr. Santosh Kr. Garai	1	Air pollution
			2	Water pollution
			3	Sea and river pollution
			4	Marine pollution
			5	Soil pollution
			6	Radiation pollution
			7	Noise pollution
			8	Pollution due to population explosion and habitat degradation
III	Dr. Binoy Kr. Chanda Dr. Tapan Mishra Dr. Santosh Kr. Ghorai	Dr. Binoy Kr. Chanda	1	Natural resources and associated problems
			2	Forest resource and it's conservation
			3	Water resources
			4	Mineral resources
			5	Food resources
			6	Energy sources
			7	Land resources
			8	Waste management
IV	Dr. Raj K. Sen Dr. Sankar Majumdar Dr. Sachi Nanda Sau Dr. Kartik Pal	Dr. Kausik Gupta	1	Environment and culture
			2	Politics of Environment: the global dimension
			3	Westphalian system
			4	North vs. South – International co-operation and conflict
			5	Biosphere conferences
			6	Civil society and marginal voices

			7	Environmental politics
			8	Major Environmental Movements in India and abroad.
V	Dr. Raj Kr. Sen Dr. Sankar Majumdar Dr. Sachi Nanda Sau Dr. Kartik Pal	Dr. Kausik Gupta	1	Concept of environment in economics and its place in economic theory
			2	Different models of economic development and environment
			3	Environment problems in relation to underdevelopment, economic growth and over-population
			4	Environmental economics
			5	Environment in India economy with diversity
			6	Environment, poverty and sustainable development in Indian country experiences: High and low economics
			7	Environment under five year plans and The Constitution of India
			8	Environment under Economic reforms: Official policies and future trends

<b>PART-II</b>				
<b>PAPER</b>	<b>CONTRIBUTORS</b>	<b>EDITOR(S)</b>	<b>MODULE NO.</b>	<b>MODULE NAME</b>
VI	Prof. Ali Badruddin Molla Mr. Biswajit Mukherjee	Mr. Biswajit Mukherjee	1	Environmental Ethics and Environmental laws Environmental laws at the International Level
			2	Growth of Environmental laws and procedure in India-Environmental Acts, Laws and Regulations before and after independence. Quasi-administrative environmental laws
			3	National Policy on environment, Environmental audit, policy and practice
			4	Prohibition and restriction on the location of the industries, Environmental Protection Act (EPA), Administrative adjudication and agencies implementing
			5	Environmental Monitoring and West Bengal Pollution Control Board (WBPCB)
			6	The Courts and the Environment
			7	People NGOs and the Environmental Laws
			8	Human Rights and Environment
VII	Dr. Binoy Kumar Chandra Dr. Tapan Kumar Mishra Dr. Susil Hansda	Dr. Dilip Kumar Chatterjee	1	Theories and Concepts of Sustainable Development
			2	Agenda 21: Reference Guide for Sustainable Development
			3	Biodiversity
			4	Land Management and Rehabilitation
			5	Water Management and Conservation
			6	Sustainable Agriculture- Food Security
			7	Sustainable Forest Policies
			8	Sustainable Tourism Development; coastal ecology and its management; hill-ecology and its management
VIII	Dr. Aniruddha Mukherjee	Dr. Aniruddha Mukherjee	1	Environment, ecology and management – positive and negative impacts
			2	Human impact on the natural environment
			3	Population and ecological crisis
			4	Conservation of natural resources: forest management
			5	Pollution and global environmental issues
			6	Management of environment – approaches, components and objectives
			7	Management of environment – Assessment, issues, strategy

			8	Environmental problems, planning and management in India
IX	Dr. Tridib Kumar Chakraborty	Dr. Tridib Kumar Chakraborty	1	Disaster Management
			2	The disaster management cycle – The National Disaster Management Policy, mapping of disaster prone areas; Disaster legislation
			3	Disaster prevention and mitigation
			4	Disaster impact
			5	Disaster planning – support systems and policies
			6	Flood impacts and conservation policies
			7	Natural calamities – Earthquake and Tsunami
			8	Survey and assessment
X	DISSERTATION			